APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS 382 | SUBCLASS 107

FIG. 1

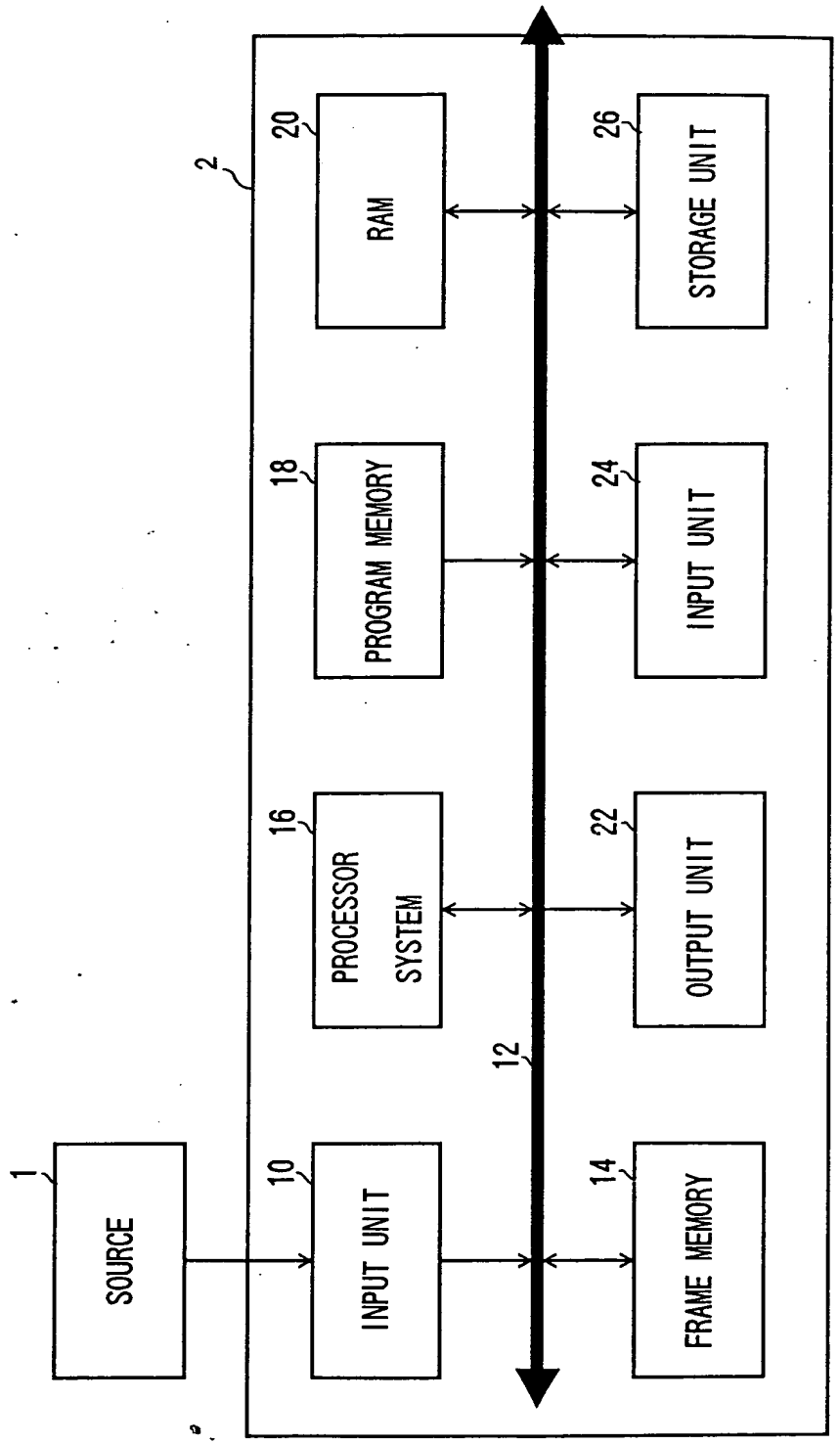
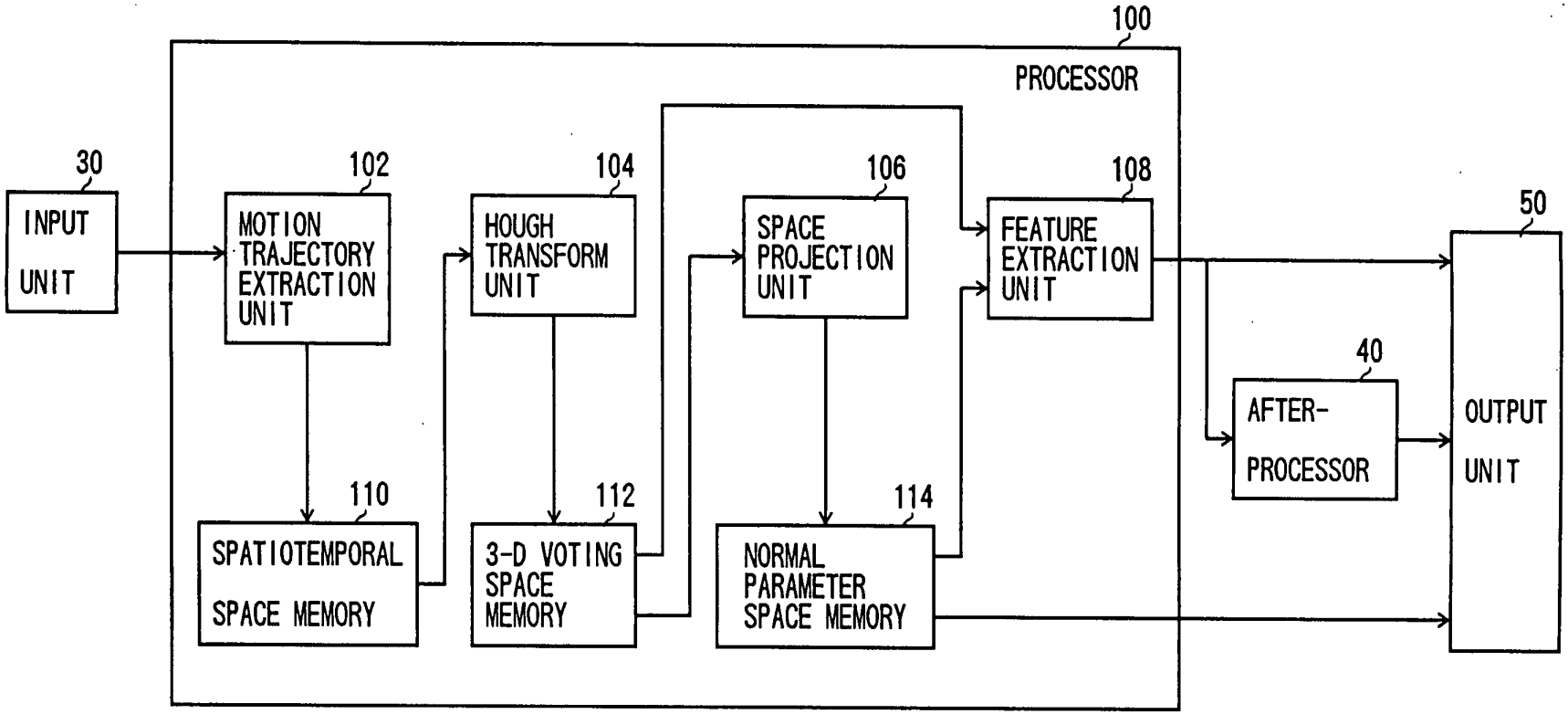
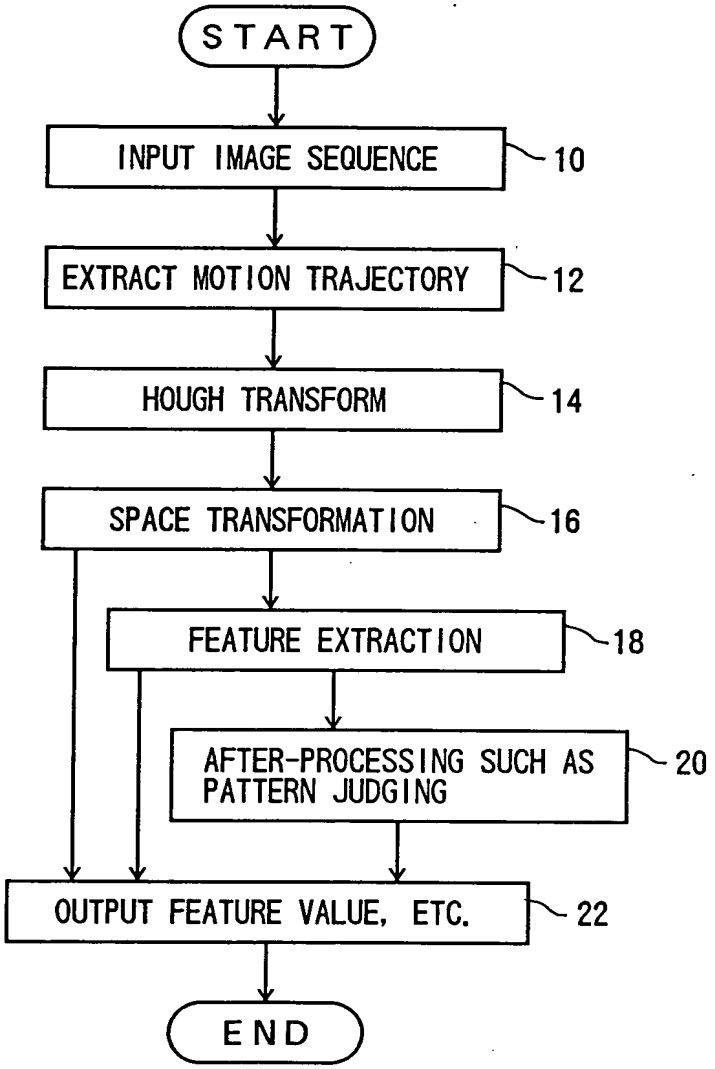


FIG. 2


100
PROCESSOR
30
INPUT UNIT
102
MOTION TRAJECTORY EXTRACTION UNIT
104
HOUGH TRANSFORM UNIT
106
SPACE PROJECTION UNIT
108
FEATURE EXTRACTION UNIT
50
OUTPUT UNIT
40
AFTER-PROCESSOR
110
SPATIOTEMPORAL SPACE MEMORY
112
3-D VOTING SPACE MEMORY
114
NORMAL PARAMETER SPACE MEMORY

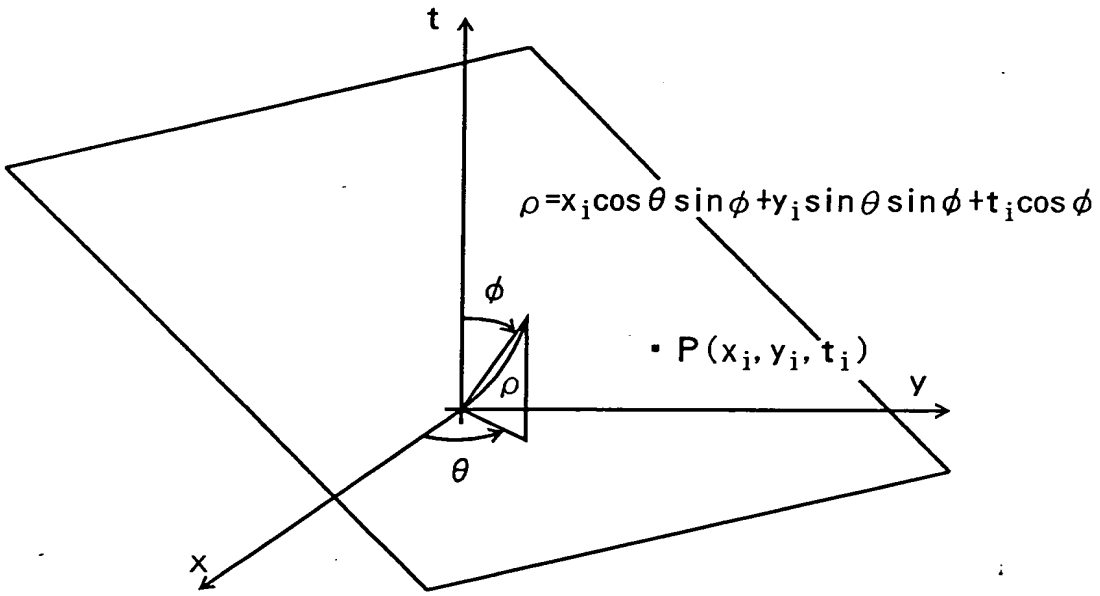
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 3



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 4



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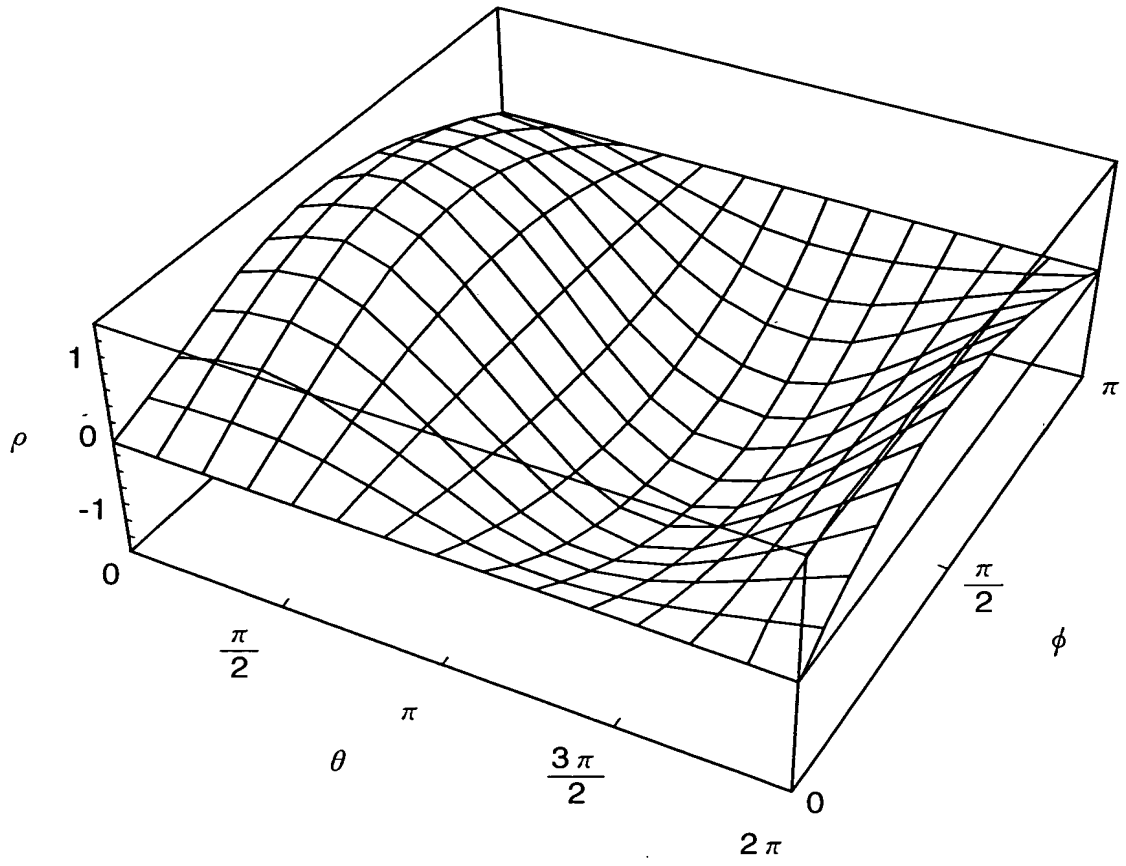
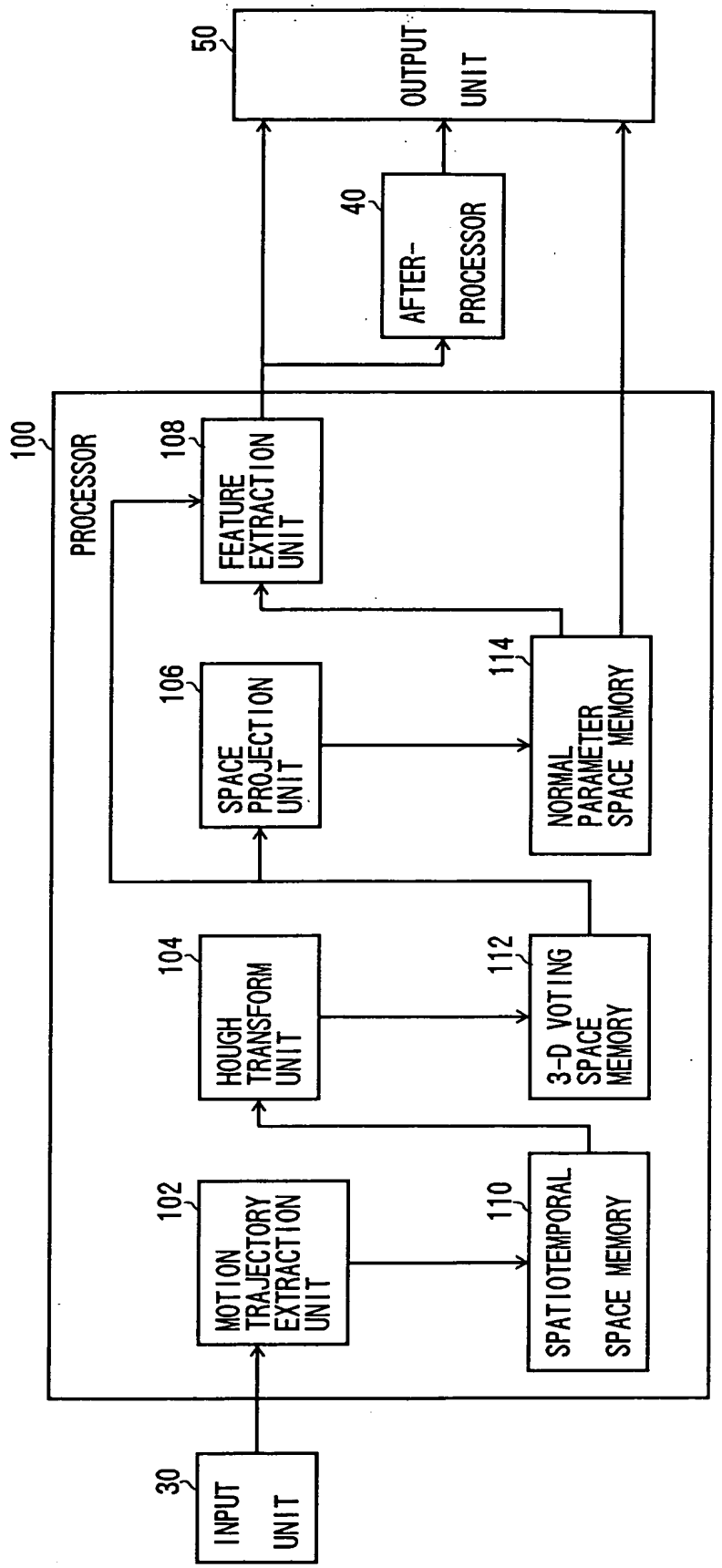
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG.5



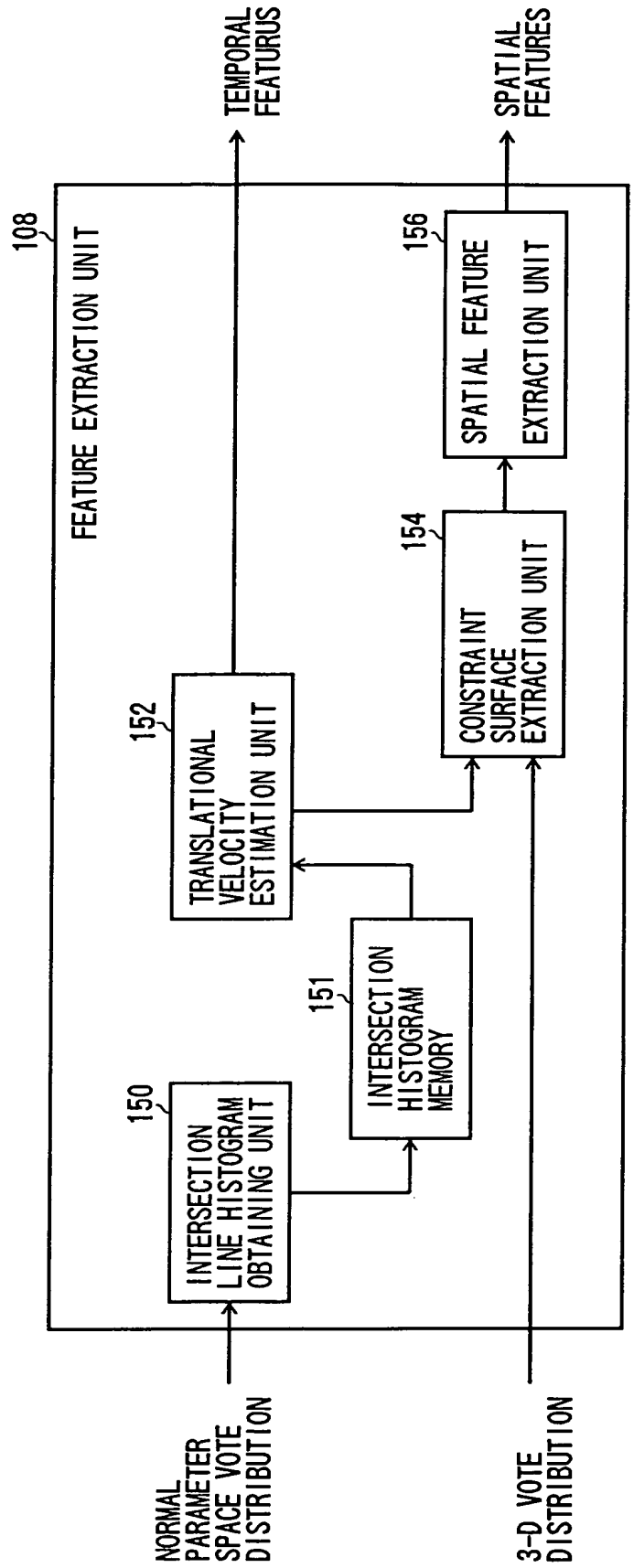
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 6



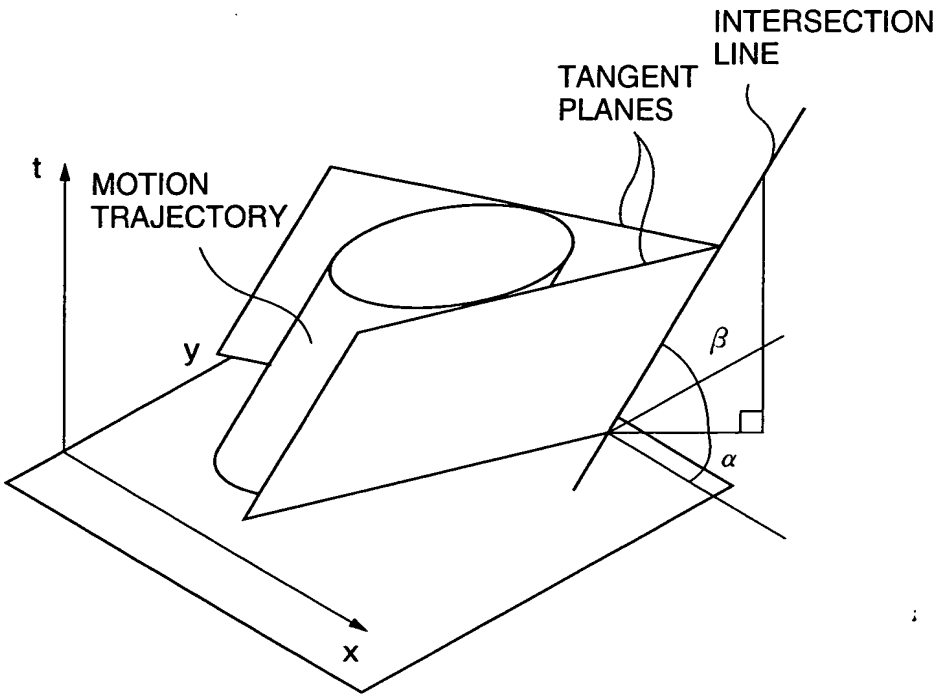
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 7



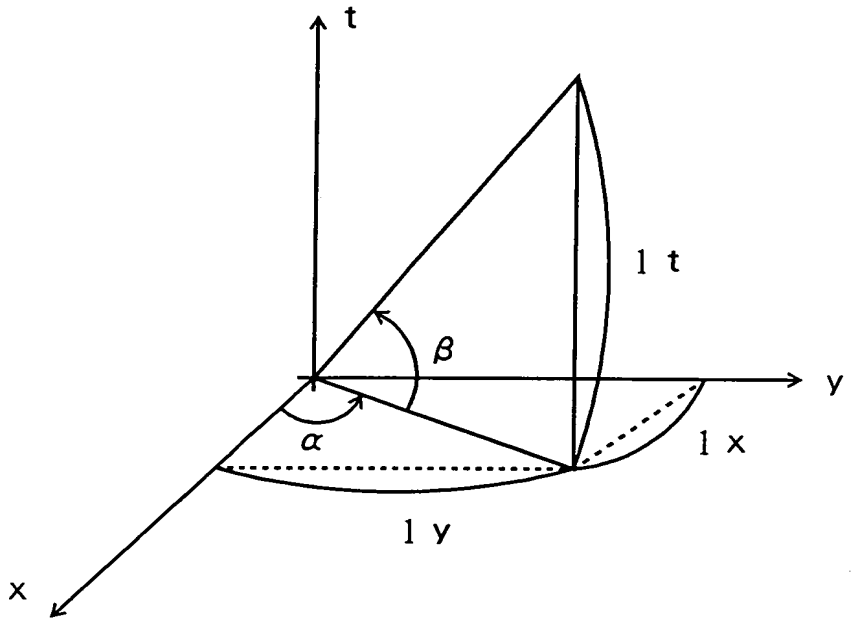
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG.8



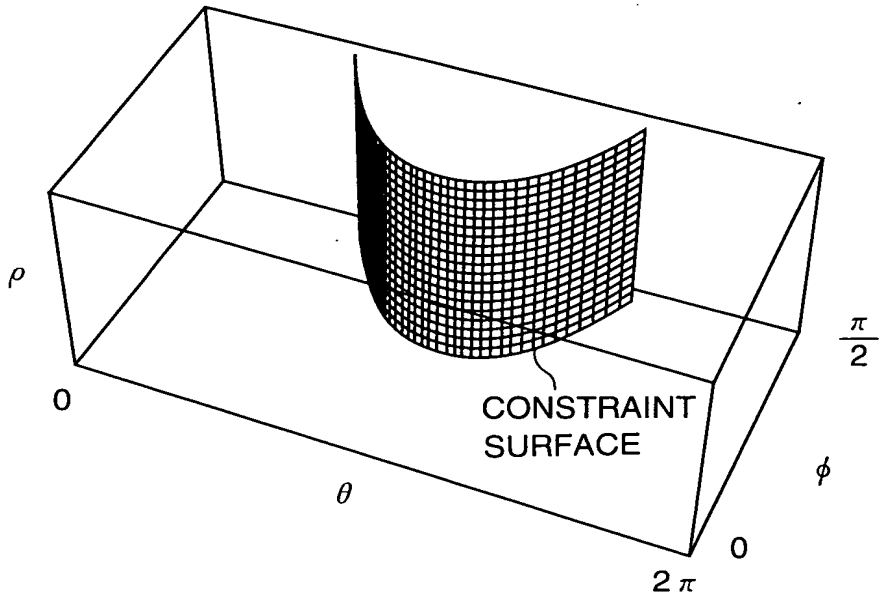
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 9



APPROVED BY · DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

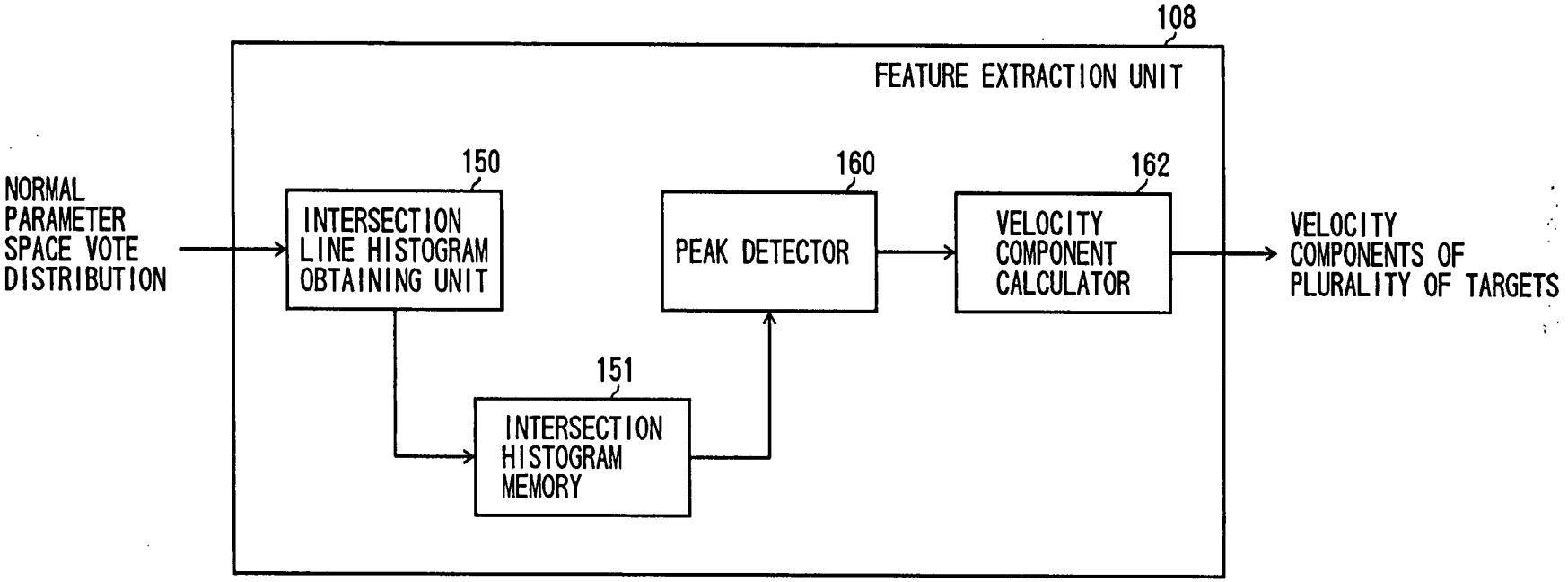
FIG.10



DRAWING - Page 10 of 10

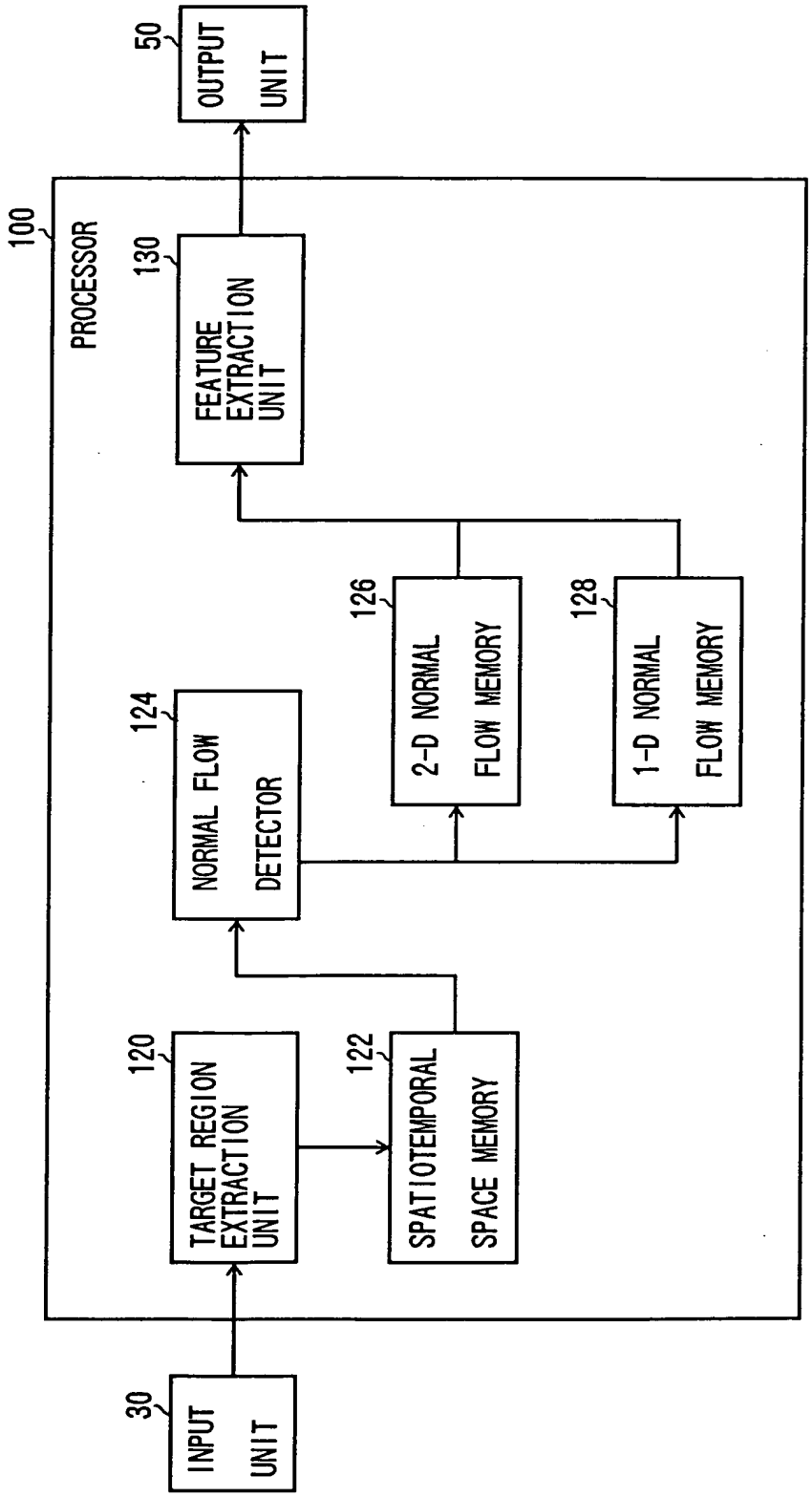
APPROVED BY DRAFTSMAN
O.G. FIG.
CLASS
SUBCLASS

FIG. 11



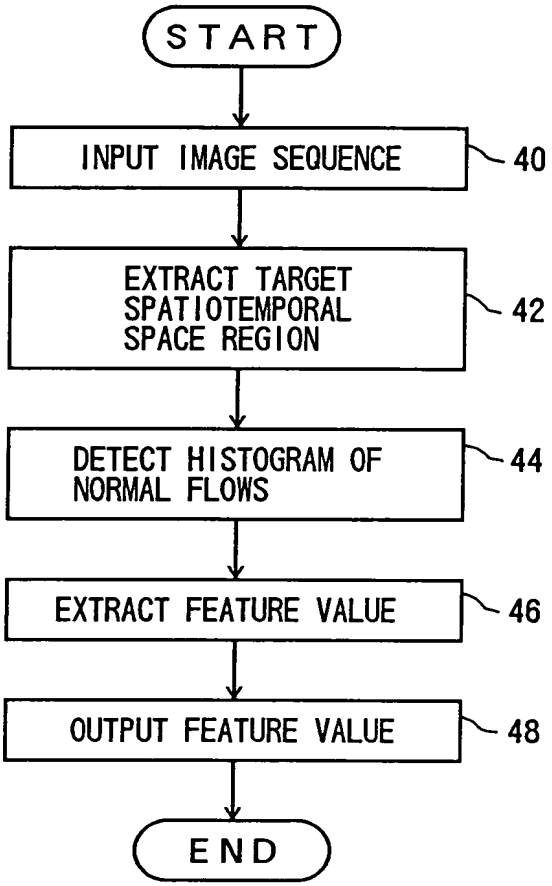
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 12



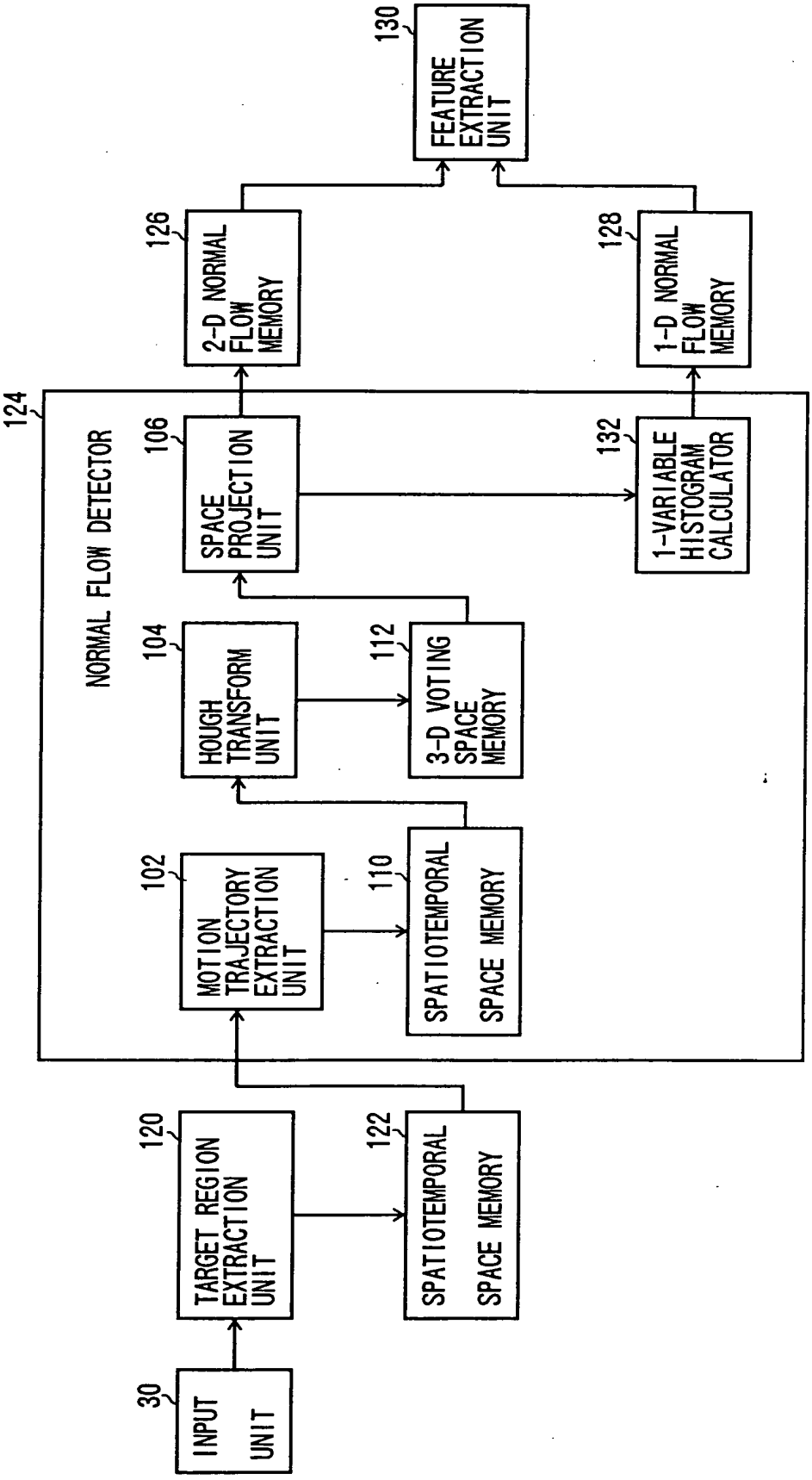
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 13



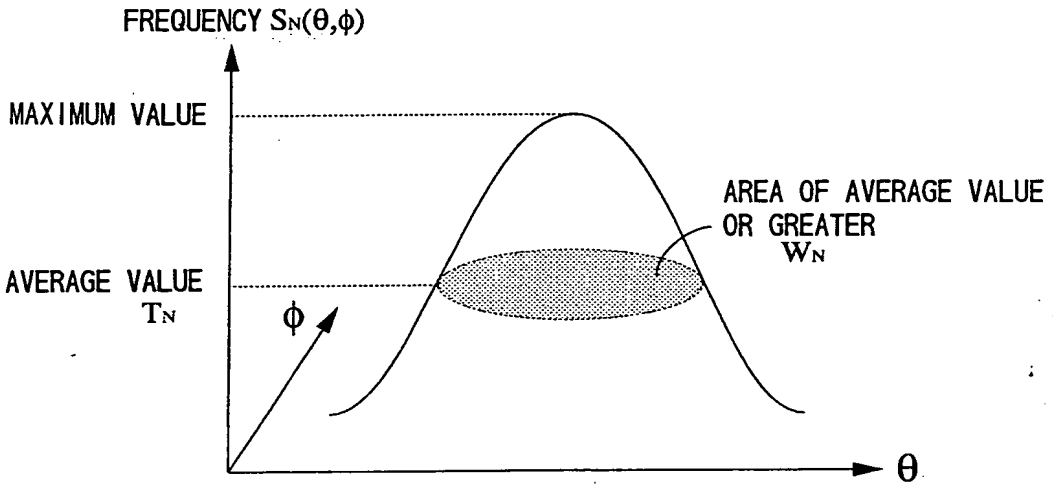
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 14



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

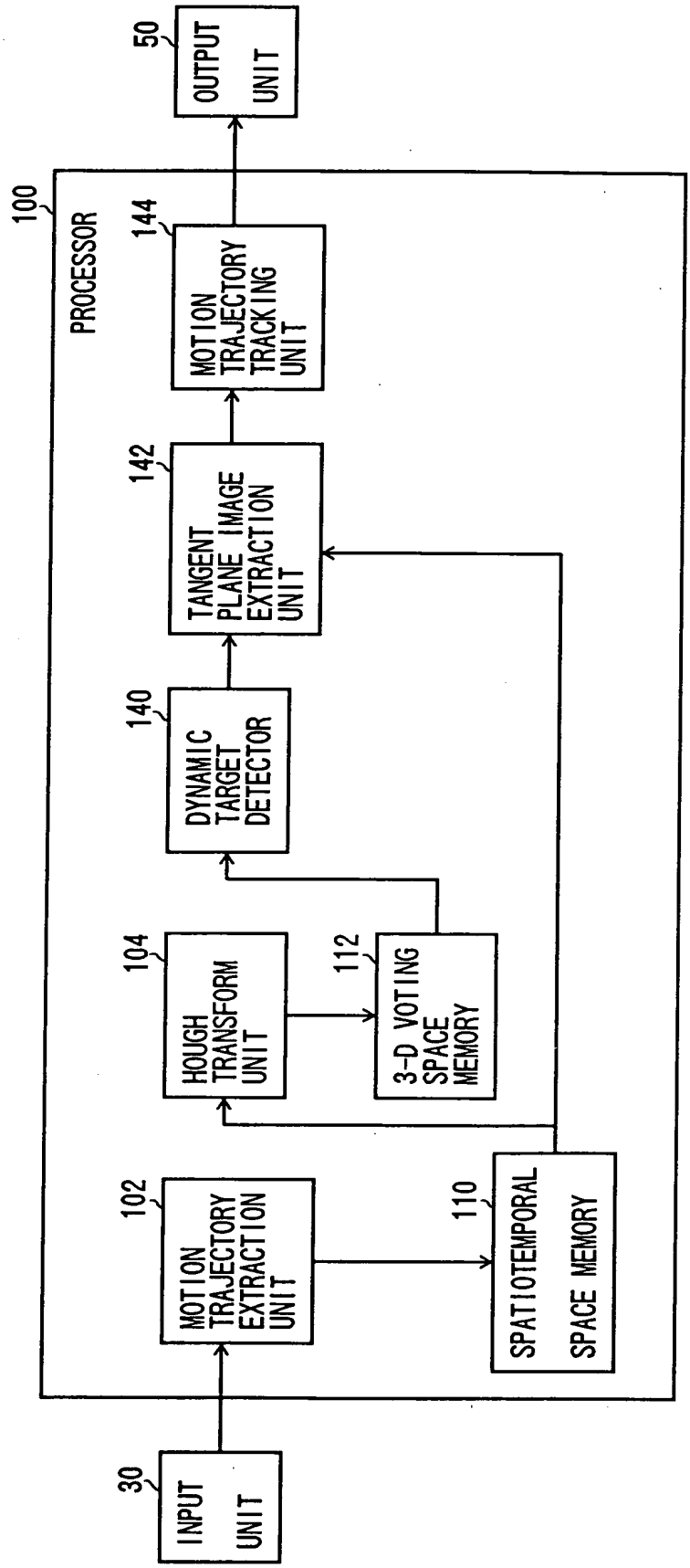
FIG. 15



Patent Application Publication

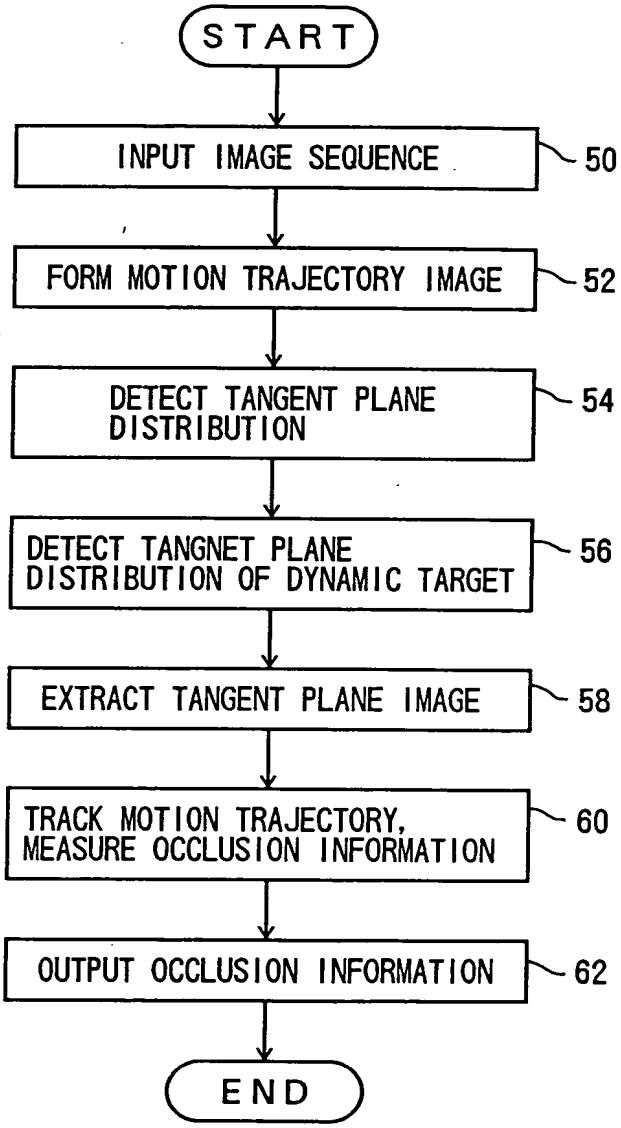
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 16



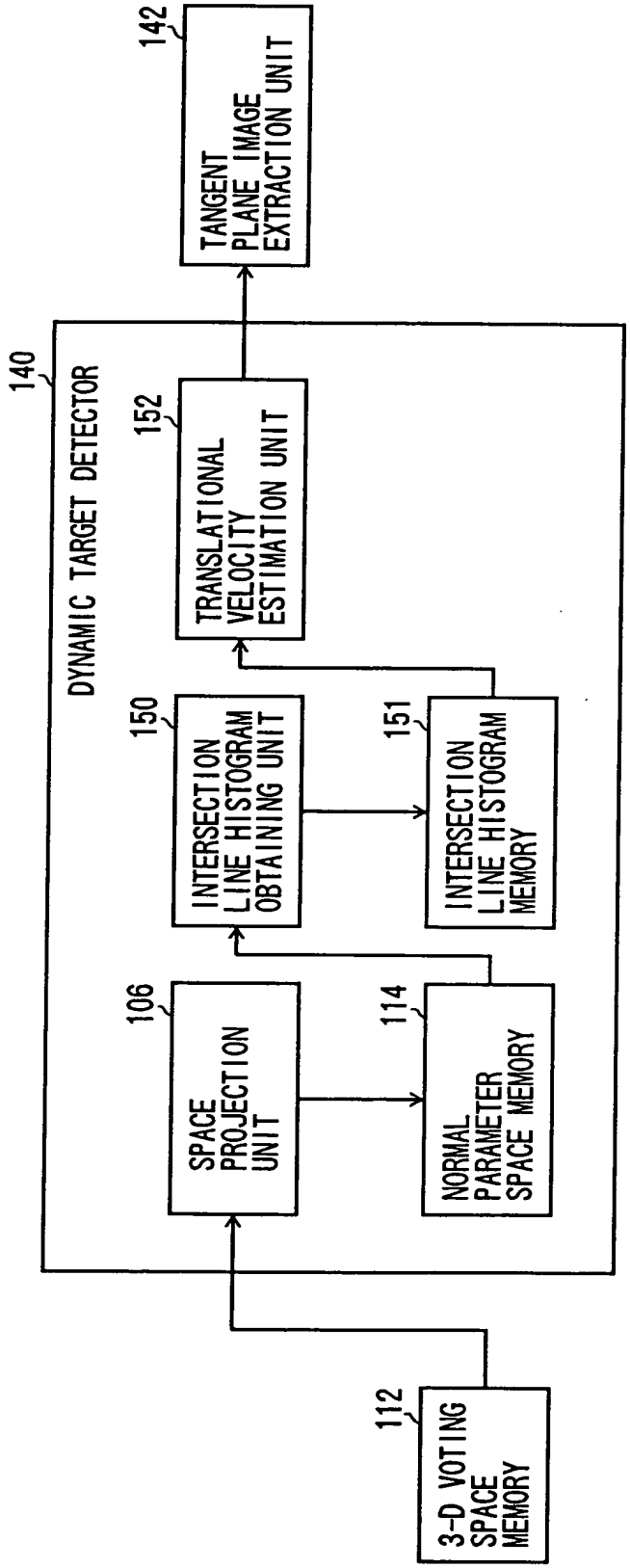
APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS 382 | SUBCLASS 107

FIG. 17



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 18



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 19A

FIG. 19B

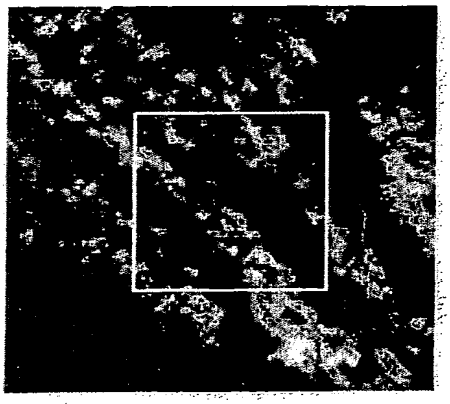
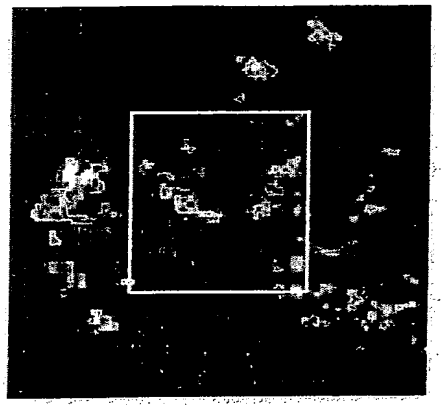


FIG. 19C



APPROVED BY DRAFTSMAN	O.G. FIG.	
	CLASS	SUBCLASS

FIG. 20A

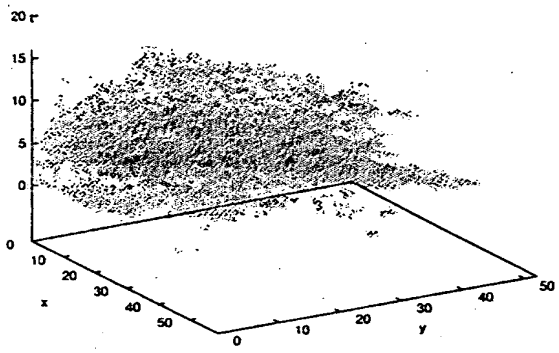


FIG. 20B

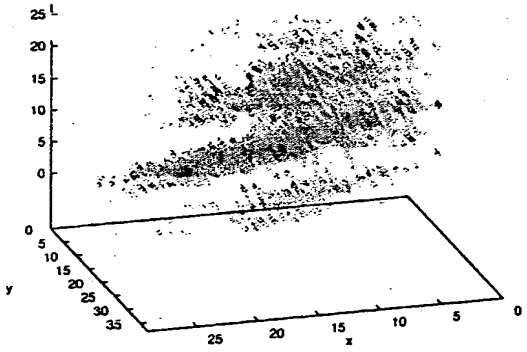
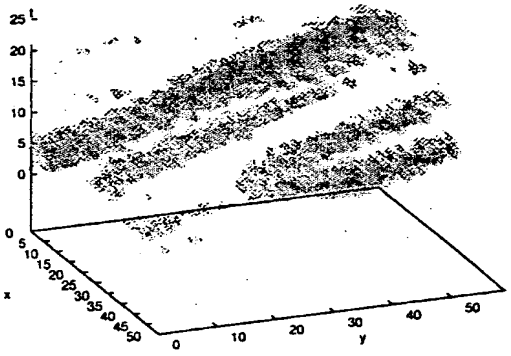


FIG. 20C



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

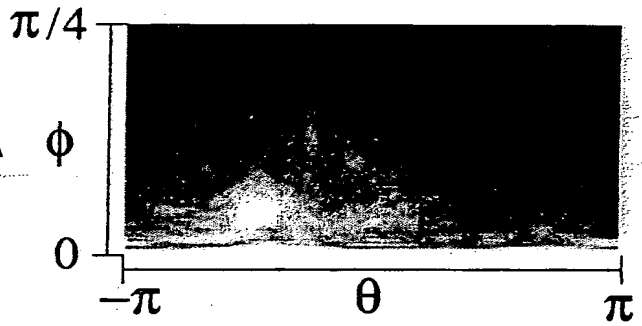


FIG. 21A

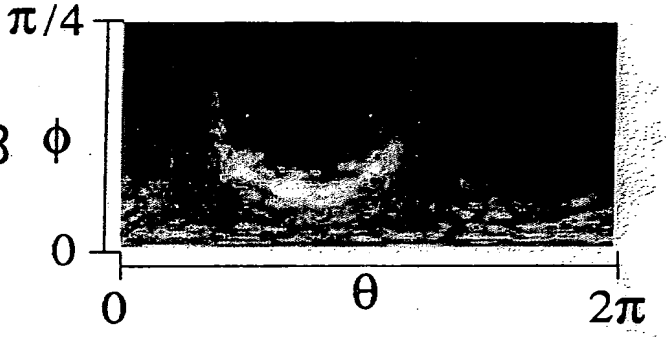


FIG. 21B

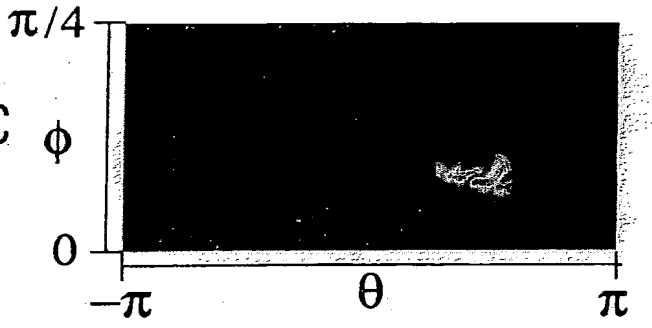


FIG. 21C

APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 22

	VELOCITY [pixel/frame]	DIRECTION [degree]
(a)	6.31	94
(b)	4.17	250
(c)	5.14	316

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APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 23

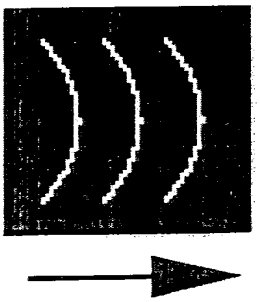
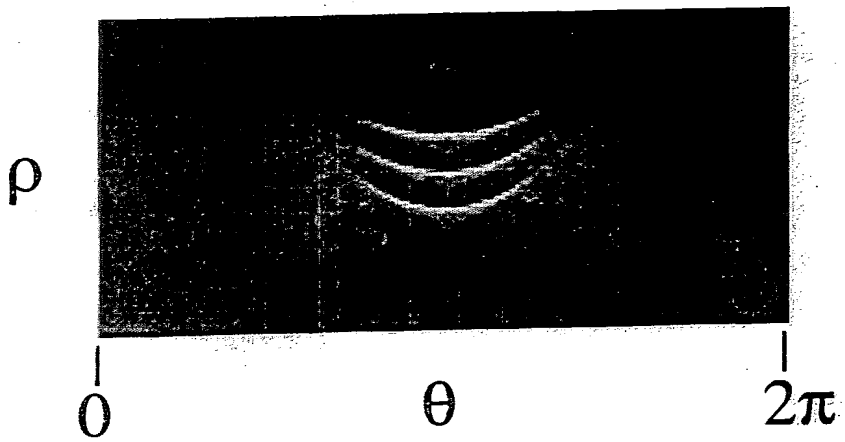


FIG. 24



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 25

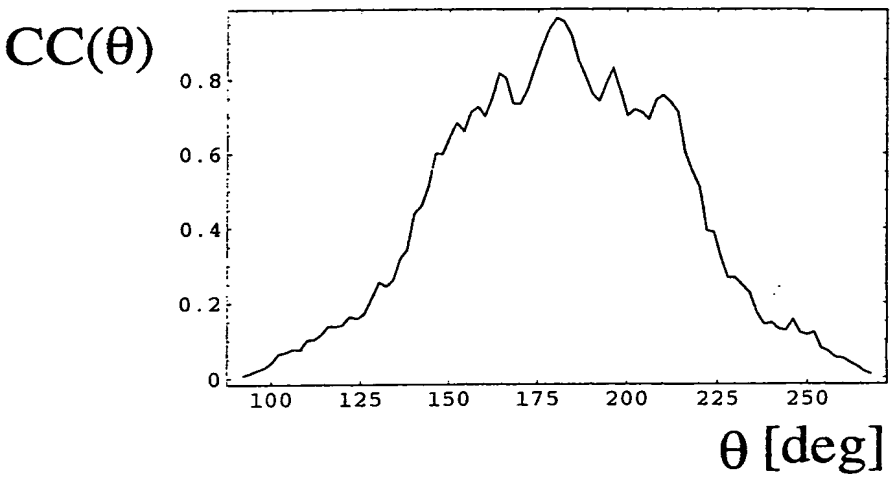
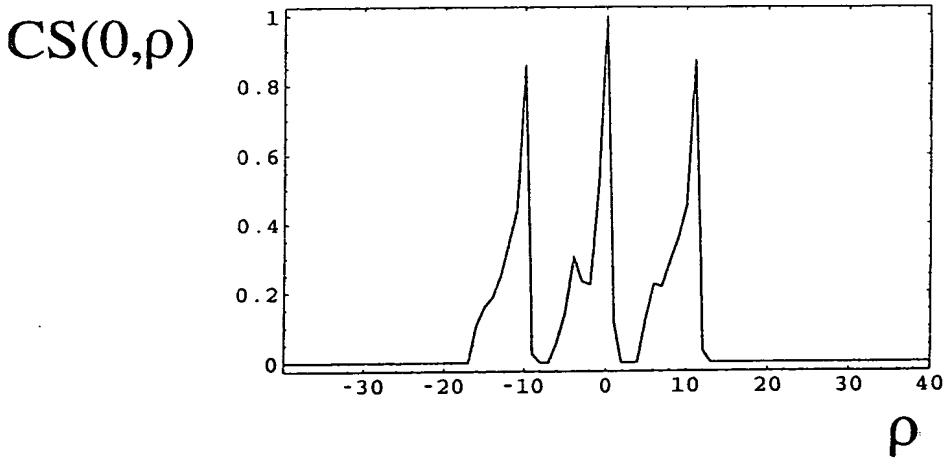


FIG. 26



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 27A

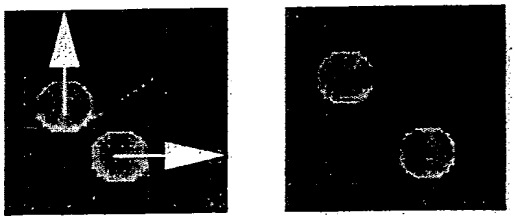


FIG. 27B

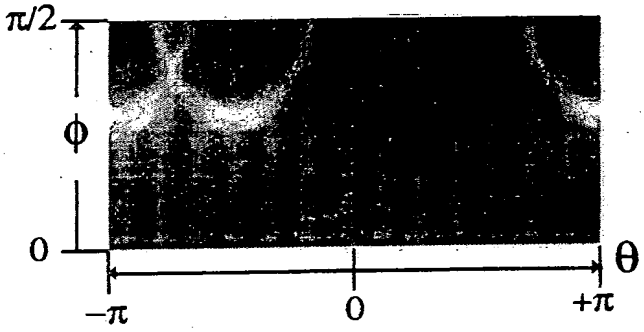
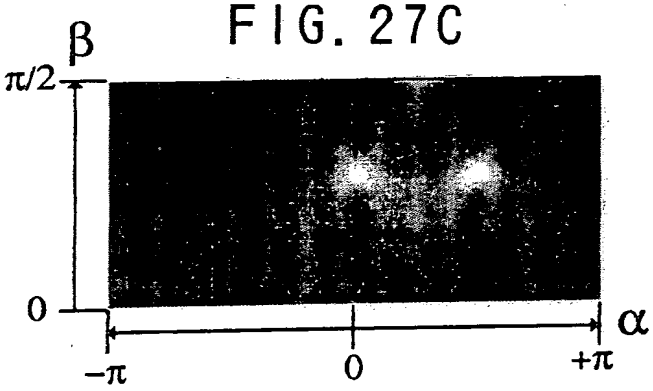


FIG. 27C



APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 28A

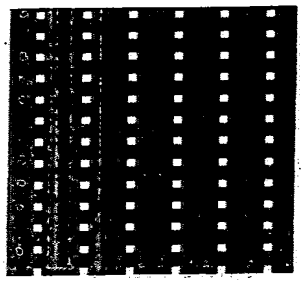
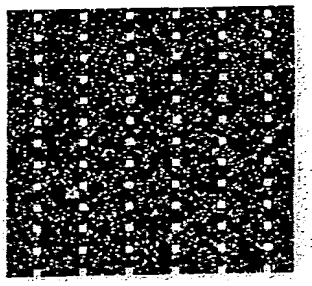


FIG. 28B



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APPROVED BY DRAFTSMAN | O.G. FIG. | CLASS | SUBCLASS

FIG. 29A

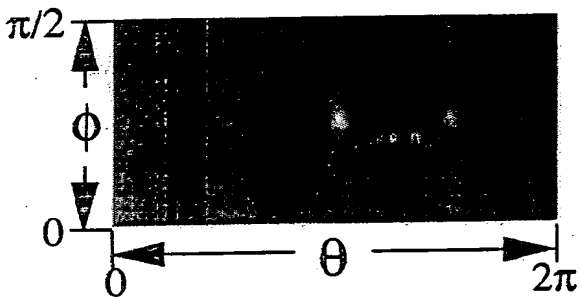


FIG. 29B

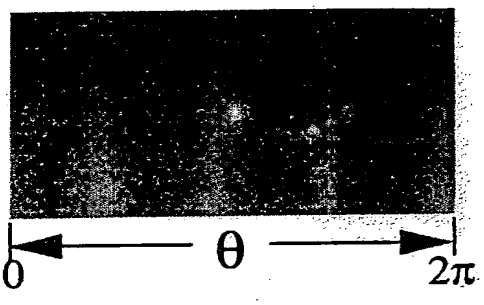
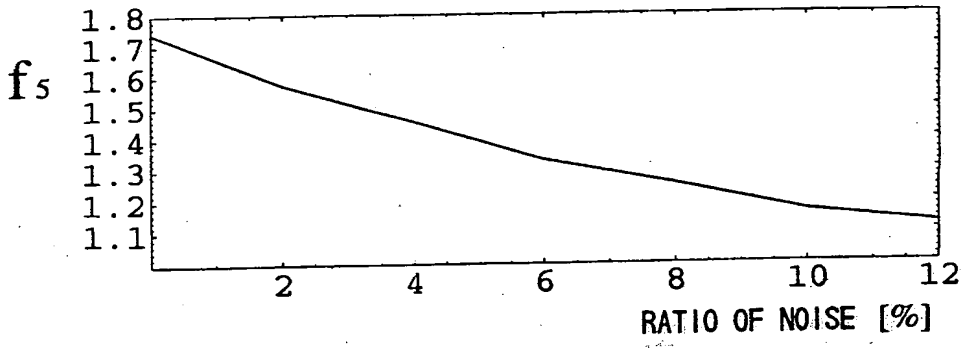


FIG. 30



DRAFTSMAN | APPROVED BY | O.G. FIG. | CLASS | SUBCLASS

FIG. 31A

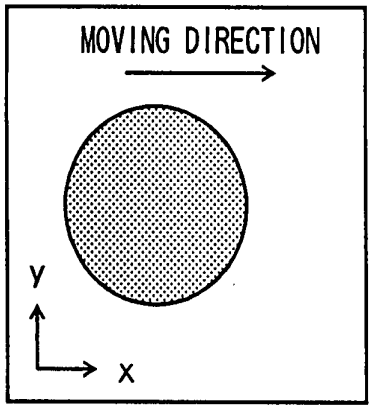


FIG. 31B

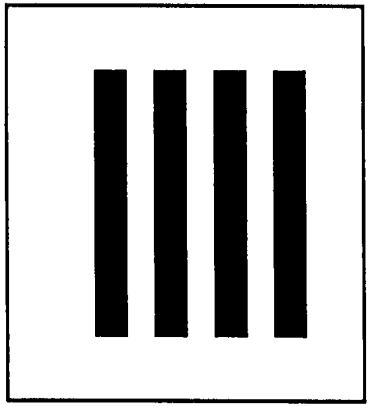


FIG. 31C

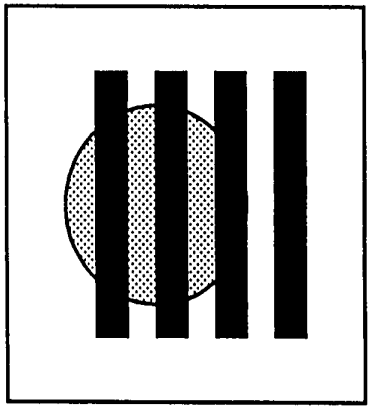


FIG. 31D

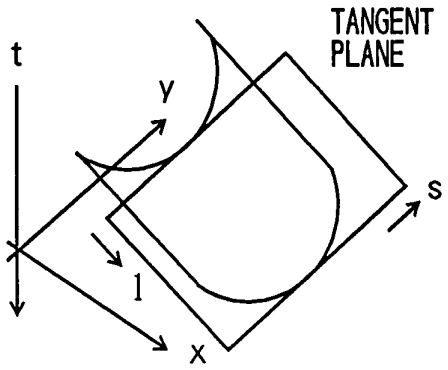
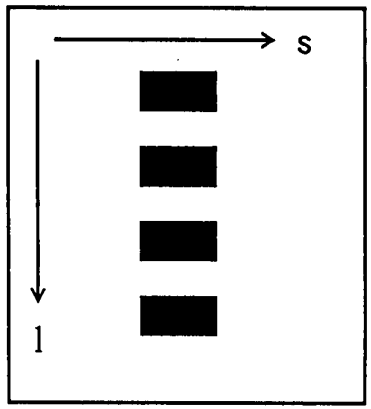



FIG. 31E